

INTERNATIONAL SEARCH REPORT

International application No.

PCT/SE 2004/001212

A. CLASSIFICATION OF SUBJECT MATTER

IPC7: F02D 13/02, F02D 21/08, F02D 41/26, F02D 43/04, F02B 1/12
 According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: F02D, F02B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category* | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|-----------|--|-----------------------|
| A | WO 9810179 A2 (CUMMINS ENGINE COMPANY, INC.), 12 March 1998 (12.03.1998), figure 1, abstract -- | |
| A | WO 0028197 A1 (DENBRATT, INGEMAR), 18 May 2000 (18.05.2000), figures 1-7, abstract -- | |
| A | DE 10106169 A1 (ROBERT BOSCH GMBH), 14 August 2002 (14.08.2002), figures 1-6, abstract ----- | |

 Further documents are listed in the continuation of Box C. See patent family annex.

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| * Special categories of cited documents: | |
| "A" document defining the general state of the art which is not considered to be of particular relevance | "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention |
| "E" earlier application or patent but published on or after the international filing date | "X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone |
| "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) | "Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art |
| "O" document referring to an oral disclosure, use, exhibition or other means | "&" document member of the same patent family |

Date of the actual completion of the international search

2 November 2004

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'08-11- 2004

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INTERNATIONAL SEARCH REPORT
Information on patent family members

01/10/2004

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| International application No. |
| PCT/SE 2004/001212 |

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